

**WHAT IS CLAIMED IS:**

1. A method for requesting photographic services on images, the method comprising the steps of:
  - capturing images in an image capture device;
  - accessing a cable TV communication unit with said image capture device, said cable TV communication unit being operationally associated with a monitor;
  - forwarding the captured images to the cable TV communication unit for viewing on the monitor; and
  - selecting at least one image from said captured images viewed on the monitor and at least one photographic service which is to be performed on said at least one image.
2. A method according to claim 1, wherein said cable communication unit is a set top box operationally associated with a television.
3. A method according to claim 1, wherein said cable TV communication unit is a broad band digital cable set top box included within a television.
4. A method according to claim 1, comprising the further step of:
  - sending said at least one image and instructions indicative of said photographic service to a photographic service provider via a server network.
5. A method according to claim 4, wherein said server network comprises a cable server and a network image server.
6. A method according to claim 5, wherein said cable server is adapted to store a low resolution version of said at least one image and said

network image server is adapted to store a high resolution version of said at least one image.

7. A method according to claim 5, wherein said cable server receives said at least one image from said cable communication unit and routes said at least one image to said network image server via an internet communication.

8. A method according to claim 5, wherein said network image server routes said at least one image to said photographic service provider which performs said selected photographic service on said associated image.

9. A method according to claim 8, wherein said selected photographic service comprises selecting a desired size and quantity of prints of said at least one image and returning said prints to a designated customer.

10. A method according to claim 9, wherein said selected photographic service comprises selecting a desired image product which is to be associated with said at least one image and returning said image product to a designated customer.

11. A method according to claim 10, wherein said image product comprises at least one of a mug, mousepad, puzzle, t-shirt, album page or sweatshirt having said image associated therewith.

12. A method according to claim 1, comprising the further step of forwarding at least said at least one image via a server network to at least one other user.

13. A method according to claim 12, wherein said at least one other user receives said at least one image through a further cable communication network.

14. A method according to claim 12, wherein said at least one other user receives said at least one image through a personal computer.

15. A method according to claim 12, comprising the further step of entering further photographic service requests for said at least one image from said at least one other user.

16. A method according to claim 1, wherein said image capture device is a digital camera.

17. A method according to claim 1, wherein said image capture device is a hybrid digital/film camera.

18. A method for obtaining image services, the method comprising the steps of:

accessing a cable TV communication unit, said cable TV communication unit being operationally associated with a monitor a cable TV communication network;

receiving images on said cable TV communication unit from for viewing on the monitor; and

selecting at least one image from said images viewed on the monitor and requesting an order for at least one photographic good or service which is to be performed with respect to said at least one image using said cable TV communication unit.

19. A method according to claim 18 wherein said order is forwarded to a remote service provider for fulfillment over said cable TV communication network.

20. A method for providing image services to a customer using a cable box at a first location with respect to an image service provider located a second location remote from said first location, the method comprising the steps of:

providing a cable communication network accessible by said cable box, and

providing a communication connection with said service provider and said cable communication network such that customer may access said service provider.

21. A method according to claim 20 further comprising the steps of:

selecting a photographic product/service plan from a menu of photographic product/service plans using said cable box; and

associating the selected camera with the selected photographic product/service plan and creating a product/service plan account indicative thereof.

22. A method for providing image services to a customer using a first cable box at a first location with respect to a second cable box of a customer located a second location remote from said first location, the method comprising the steps of:

providing a cable communication network accessible by said first cable box and said second cable box such that said first and second customers may share digital images.

The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as  $\epsilon \rightarrow 0$ . In the second part, we study the asymptotic behavior of the solutions of the system (1) as  $\epsilon \rightarrow \infty$ . In the third part, we study the asymptotic behavior of the solutions of the system (1) as  $\epsilon \rightarrow 0$  and  $\epsilon \rightarrow \infty$ .